

CLAIMS

1. A magnetic tape cartridge comprising:

a single reel with magnetic tape wound thereon;

a cartridge case for rotatably housing said single

5 reel;

a leader pin having a tape clamp portion on which said magnetic tape is wound; and

10 a clamp member with a C cross section that has an axial slit;

wherein said leader pin is affixed to a leading end of said magnetic tape by elastically fitting said clamp member onto said tape clamp portion of said leader pin;

15 and wherein a sheet member for enhancing a coefficient of friction is interposed at least between said magnetic tape and said tape clamp portion.

2. A magnetic tape cartridge comprising:

a single reel with magnetic tape wound thereon;

a cartridge case, which comprises an upper case and a lower case, for rotatably housing said single reel;

20 a leader pin affixed to a leading end of said magnetic tape to pull said magnetic tape out of said cartridge case; and a lock member, formed from a plate spring, for detachably locking and holding an upper end portion and a lower end portion of said leader pin;

25 wherein said lock member comprises a mounting portion which is held by said upper and lower cases, and elastic arm

• portions extending from said mounting portion toward said leader pin and engageable with said upper and lower end portions of said leader pin;

5 and wherein an interior angle that said mounting portion forms with said elastic arm portion is an obtuse angle.

3. The magnetic tape cartridge as set forth in claim 2, wherein said interior angle that said mounting portion forms with said elastic arm portion is 135° or greater.

4. A magnetic tape cartridge comprising:

10 a single reel with magnetic tape wound thereon;

a cartridge case, which comprises an upper case and a lower case, for rotatably housing said single reel;

a leader pin affixed to a leading end of said magnetic tape to pull said magnetic tape out of said cartridge case;

15 a lock member, formed from a plate spring, for detachably locking and holding an upper end portion and a lower end portion of said leader pin; and

upper and lower lock-member installing portions, provided in said upper and lower cases of said cartridge case, 20 for holding said lock member;

wherein said lock member comprises a mounting portion which is held by said upper and lower cases, and elastic arm portions extending from said mounting portion toward said leader pin and engageable with said upper and lower end portions of 25 said leader pin;

and wherein said upper and lower lock-member

installing portions hold said lock member at positions 0.4 mm or greater away from side walls of said lower and upper cases.

5. The magnetic tape cartridge as set forth in claim 4, wherein

5 the mounting portion of said lock member has upper and lower engagement recesses at upper and lower edges thereof;

said upper and lower lock-member installing portions have upper and lower protrusions; and

10 said lock member is positioned and held by fitting said upper and lower protrusions into said upper and lower engagement recesses.

6. The magnetic tape cartridge as set forth in claim 4, wherein one of said upper and lower lock-member installing portions has a tilt regulating portion for holding an edge, 15 opposite from said elastic arm portions, of said mounting portion of said lock member in an erect posture.